
Appendix B:
**Congested Freeway Locations –
Morning and Evening
Commutes, 2005**

Morning Peak-Period Congested Locations, 2005 (ordered by county and route)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
ALA	24	E	1,140	6:05–10:20	Route 13 to Caldecott Tunnel
ALA	24	W	340	8:00–9:40	East of Telegraph Avenue to I-580
ALA/CC	80	W	10,930	5:45–10:15	Route 4 to Bay Bridge metering lights
ALA	84	W	80	5:30–9:50	At Dumbarton Bridge toll plaza*
ALA	92	W	130	7:50–9:20	At San Mateo-Hayward Bridge toll plaza*
ALA	238	N	260	5:50–8:55	I-580 to south of I-880 southbound off-ramp*
ALA	238	S	70	7:15–8:15	I-880 to south of Castro Valley Boulevard*
ALA/CC	580	E	110	6:50–9:25	Central Avenue to Buchanan Street*
ALA	580	W	140	5:45–7:30	East of I-205 interchange to west of Grant Line Road
ALA	580	W	5,830	5:55–9:20	West of North Flynn Road to Airway Boulevard
ALA	580	W	360	6:45–9:15	Hopyard Road to I-680*
ALA	580	W	380	6:25–8:10	Strobridge Avenue to Route 238*
ALA	580	W	130	6:35–9:25	MacArthur Boulevard to Grand Avenue
ALA	580	W	120	7:35–9:20	West of Route 24 to east of Route 80
ALA	680	N	130	7:50–9:00	At I-580 and at Alcosta Boulevard*
ALA	880	N	1,750	6:00–8:55	North of West Grand Avenue to Maritime Street
ALA	880	N	660	6:50–9:40	North of Decoto Road to Industrial Parkway
ALA	880	N	170	7:35–9:10	Route 92 to south of Hesperian Boulevard*
ALA	880	N	220	7:15–9:50	Route 238 to Davis Street and at Hegenberger Road*
ALA	880	N	280	7:50–9:00	Hegenberger Road to High Street*
ALA	880	S	1,570	7:50–10:55	North of Thornton Avenue to Route 262 (Mission Blvd.)
ALA	880	S	330	7:35–9:20	Industrial Parkway to south of Fremont Boulevard
ALA	880	S	1,700	6:45–9:40	South of Hesperian to Tennyson Road
CC	4	W	420	6:45–8:45	Bailey Road to Willow Pass Road*
CC	4	W	4,000	5:05–9:55	A Street/Lone Tree Way to west of Loveridge Road
CC	24	W	290	6:15–8:55	Camino Pablo to Fish Ranch Road
CC	24	W	220	7:35–9:05	I-680 to east of Central Lafayette exit*
CC	242	S	100	6:45–8:30	Concord Avenue to I-680*
CC	580	W	270	6:15–8:55	Marine Street undercrossing to Richmond-San Rafael Bridge toll plaza*
CC	680	N	650	7:25–9:30	North of Crow Canyon Road to north of El Cerro Boulevard

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco; SM=San Mateo; SOL=Solano; SON=Sonoma

Morning Peak-Period Congested Locations, 2005 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
CC	680	S	1,160	6:45–9:10	South Main Street to El Pintado Road
CC	680	S	860	6:40–8:40	Monument Boulevard to North Main Street
CC	680	S	200	6:10–8:30	North of Route 4 to Contra Costa Boulevard
MRN	101	S	4,490	6:35–10:00	South of Route 37 to I-580
SCL	17	N	150	7:45–8:40	North of Camden Avenue*
SCL	85	N	210	6:40–9:20	At Bernal Road on-ramp (metering lights)*
SCL	85	N	390	7:10–9:15	Almaden Expressway to Union Avenue*
SCL	85	N	470	7:10–9:50	Route 17 to Saratoga Avenue*
SCL	85	N	120	7:20–8:45	North of Saratoga Avenue and at De Anza Boulevard*
SCL	85	N	510	7:00–9:45	I-280 to El Camino Real and at U.S. 101*
SCL	87	N	100	8:50–10:00	Curtner Avenue to Almaden Expressway*
SCL	101	N	470	6:40–8:45	South of Tenant Avenue to South of Cochran Road
SCL	101	N	590	6:20–8:40	North of Blossom Hill Road to North of Tully Road
SCL	101	N	2,320	7:05–10:00	Julian Street/McKee Road to North of Trimble Road
SCL	101	N	380	7:30–9:15	Ellis Street to Route 85*
SCL	101	N	300	6:40–9:10	At San Antonio Road*
SCL	237	E	180	7:50–9:20	At Mathilda Avenue and at I-880 southbound off-ramp connector*
SCL	237	W	340	7:20–9:10	I-880 split to Zanker Avenue*
SCL	280	N	150	7:15–8:15	U.S. 101 to Reed Street*
SCL	280	N	410	6:50–9:10	Meridian Avenue to I-880*
SCL	680	N	60	7:40–8:20	Capitol Expressway to McKee Road*
SCL	680	S	200	7:40–8:45	At U.S. 101*
SCL	880	N	160	7:15–10:15	South of U.S. 101 to Brokaw Road
SCL	880	S	50	7:40–8:40	Montague Expressway to Brokaw Road*
SF	80	E	1,080	7:05–9:25	U.S. 101 to Sterling Street on-ramp
SF	80	W	720	5:40–9:55	At Fremont Street
SF	101	N	370	7:25–9:25	North of Alemany Boulevard to I-80
SF	101	N	130	7:05–9:25	I-80 to Mission Street
SF	101	S	10	6:55–8:00	At I-80*
SF	280	N	280	6:40–8:15	Alemany Boulevard to U.S. 101*
SF	280	N	180	7:30–9:15	Mariposa Street to King Street*

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco, SM=San Mateo; SOL=Solano; SON=Sonoma

Morning Peak-Period Congested Locations, 2005 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (AM)	LOCATION
SM	101	N	600	7:30–9:30	Willow Road to Woodside Road*
SM	101	N	1,730	6:55–9:50	Hillsdale Boulevard to south of Anza Boulevard
SM/SCL	101	N	870	7:20–9:55	South of University Avenue to north of Woodside Road
SM/SCL	101	S	1,310	7:35–9:15	North of Marsh Road to Route 85
SM	101	S	1,270	7:35–10:00	North of Route 92 to north of Whipple Avenue
SM	101	S	200	7:40–9:15	Sierra Point Parkway to Harney Way*
SM	280	S	290	7:15–8:50	Route 1 to Avalon Drive*
SOL/ SON	37	W	70	6:40–8:40	At Skaggs Island Road and at Sonoma/Solano county line*
SOL	37	W	220	6:10–8:15	Mare Island interchange to post mile 6 and post mile 4 to Skaggs Island*
SOL	80	W	320	5:50–7:45	Solano Avenue to Carquinez Bridge toll plaza*
SOL	80	W	350	6:15–8:20	Abernathy Road to west of Route 12*
SON	101	N	370	7:20–9:10	Route 116 to Golf Road and Hearn Avenue to College Avenue*
SON	101	S	2,120	5:50–8:40	Old Redwood Highway to Kastania Road
SON	101	S	80	7:25–8:50	End of HOV lane to Wilfred Avenue*
SON	101	S	430	7:10–9:10	Airport Boulevard to south of River Road*

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco; SM=San Mateo; SOL=Solano; SON=Sonoma

Evening Peak-Period Congested Locations, 2005 (ordered by county and route)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
ALA	24	E	1,890	3:50–7:00	West of 52nd Street to Caldecott Tunnel
SF/ALA	80	E	3,120	3:05–7:10	Yerba Buena Island to Powell Street in Emeryville
ALA	80	E	2,350	2:45–6:25	I-580 interchange to north of Gilman Street
ALA/SF	80	W	2,800	4:00–7:10	At Bay Bridge toll plaza and incline section of Bay Bridge to Fifth Street
ALA	80	W	1,780	2:40–6:15	Gilman Street to I-580
ALA	84	E	160	3:25–6:15	Newark Boulevard to I-880*
ALA	92	E	3,880	3:05–7:20	Clawiter Road to I-880
ALA	238	N	190	2:50–6:45	I-580 to south of I-880*
ALA	238	S	450	3:45–6:35	I-880 to Castro Valley Boulevard*
ALA	580	E	1,620	3:45–7:15	Portola Avenue to First Street
ALA	580	E	6,100	2:50–7:35	I-680 to east of El Charro Road
ALA	580	E	440	4:15–6:05	Route 24 to Fruitvale Avenue
ALA	580	W	70	3:45–6:05	East of Redwood Road to Strobbridge Avenue
ALA	680	N	660	3:15–6:15	Route 262 (Mission Blvd.) to Washington Avenue*
ALA	880	N	370	4:00–7:10	South of Fremont Boulevard to Auto Mall Parkway*
ALA	880	N	200	4:00–7:25	South of Thornton Avenue to Fremont Boulevard
ALA	880	N	1,470	4:20–7:20	North of Fremont Boulevard to Tennyson Road
ALA	880	N	470	4:25–6:35	At A Street and at Route 238 interchange*
ALA	880	N	260	3:40–5:15	Coliseum Way to north of High Street
ALA	880	S	440	4:00–5:45	North of Route 92 to Industrial Parkway and north of Route 84 to Fremont Boulevard
ALA	880	S	420	4:00–6:25	At Hesperian Boulevard and A Street to Route 92*
ALA	880	S	410	4:45–6:15	Hegenberger to 98th Avenue and Davis Street to Marina Boulevard and at I-238*
ALA	880	S	370	4:45–6:15	Oak Street to Embarcadero and at Fruitvale Avenue and at 42nd Avenue*
CC	4	E	660	4:10–5:55	Pacheco Boulevard to Willow Pass Road
CC	4	E	3,780	3:10–7:25	West of Bailey Road to A Street/Lone Tree Way
CC	24	E	190	3:50–6:00	At Acalanes and at I-680*
CC	24	W	1,070	4:20–7:10	West of Camino Pablo to Fish Ranch Road
CC/ALA	80	E	530	4:00–6:30	Buchanan Street to San Pablo Avenue*
CC	80	E	250	4:25–6:00	El Portal Road to Pinole Valley Road*

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco, SM=San Mateo; SOL=Solano; SON=Sonoma

Evening Peak-Period Congested Locations, 2005 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
CC	680	N	620	4:00–6:35	North of Bollinger Canyon Road to Sycamore Valley Road*
CC	680	N	710	3:30–6:00	El Pintado Road to north of Livorna Road*
CC	680	N	1,040	4:15–5:50	Livorna Road to north of North Main Street
CC	680	N	1,490	3:35–7:00	Burnett Avenue to Concord Avenue and Arthur Road to Benicia-Martinez Bridge
CC	680	S	720	4:30–6:40	Olympic Boulevard to south of Rudgear Road
MRN	101	N	3,690	3:05–7:05	North of Marin City exit to north of Central San Rafael interchange
MRN	101	N	550	3:20–6:25	Atherton Avenue to north beginning of expressway*
MRN	101	N	300	3:15–6:25	At north of San Antonio Road*
MRN	101	S	180	4:30–6:55	South of Waldo Tunnel to county line*
MRN	580	W	590	2:40–6:50	Bellam Blvd. to U.S. 101*
SCL	17	S	100	4:20–6:00	North of Hamilton Avenue*
SCL	85	S	30	5:40–6:50	At Route 87*
SCL	85	S	280	4:20–6:45	Route 17 to south of Union Avenue*
SCL	85	S	490	3:40–6:50	Stevens Creek Boulevard to De Anza Boulevard*
SCL	85	S	750	3:45–7:15	Central Expressway to north of Homestead Road
SCL	87	S	1,720	2:35–6:25	North of Julian Street to Lelong Street
SCL	101	N	1,200	4:25–6:55	Route 237 to South of Embarcadero Road
SCL	101	S	2,060	4:50–8:35	Julian Street/McKee Road to Capitol Expressway
SCL	101	S	2,000	4:15–7:40	Lawrence Expressway to North of 13th Street
SCL	101	S	2,370	3:55–7:10	University Avenue to south of Shoreline Boulevard
SCL	237	E	220	3:30–7:10	Great America Parkway to North First Street*
SCL	237	E	400	3:30–7:10	At I-880 connector*
SCL	237	W	340	5:00–6:45	McCarthy Boulevard to North First Street and Mathilda Avenue to U.S. 101*
SCL	280	S	530	4:50–6:30	Moorpark Avenue East to 11th Street*
SCL	280	S	310	4:45–6:40	At De Anza Boulevard and at Saratoga Avenue*
SCL	280	S	140	5:10–6:30	El Monte Road to north of Magdalena Avenue*
SCL	680	S	310	5:05–6:10	South of Calaveras Road to north of Landess Avenue
SCL	880	N	900	3:30–7:20	Montague Expressway to Dixon Landing Road

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco; SM=San Mateo; SOL=Solano; SON=Sonoma

Evening Peak-Period Congested Locations, 2005 (continued)

COUNTY	ROUTE	DIR.	DAILY DELAY (vehicle hours)	DURATION (PM)	LOCATION
SCL	880	S	190	5:10–6:50	U.S. 101 to First Street and Route 82 to north of Bascom Avenue*
SCL	880	S	720	4:10–6:45	Montague Expressway to south of Old Bayshore Highway
SF	80	E	5,140	2:40–9:25	U.S. 101 from Alemany Boulevard to I-80; I-80 from U.S. 101 to Sterling Street on-ramp
SF	80	W	640	3:45–7:30	East of Harrison Street to I-80/U.S. 101
SF	101	S	330	3:40–7:20	North of South Van Ness Avenue to I-80 interchange and U.S. 101/I-80 to Alemany Boulevard
SF	280	S	260	4:30–6:15	U.S. 101 to Alemany Boulevard*
SF	280	S	150	4:50–6:30	Mariposa Street to Pennsylvania Avenue*
SM	92	W	80	5:15–6:15	U.S. 101 to Delaware Street*
SM	101	N	940	4:40–6:30	South of Holly Street to north of Kehoe Avenue
SM	101	N	560	5:00–6:45	Third Avenue to north of Broadway
SM	101	S	50	4:50–5:50	At Woodside Road and at Willow Road*
SM	101	S	310	3:30–6:30	At Poplar Avenue*
SM	101	S	200	3:20–6:00	Millbrae Avenue to Broadway*
SM	280	N	210	5:30–6:30	Sandhill Road to Woodside Road and north of Woodside Road*
SM	280	N	160	5:20–6:40	I-380 to Westborough Boulevard*
SM	380	W	100	5:00–6:40	At I-280*
SOL	80	E	220	3:35–6:40	At Carquinez Bridge toll plaza*
SOL	80	E	730	3:50–5:25	I-680 to Suisun Valley Road
SOL	80	E	230	4:30–6:30	East of Magellan Road to east of Travis Boulevard*
SOL	680	N	620	3:10–6:35	South of Cordelia Street to I-80*
SON	37	E	170	3:45–6:10	At Route 121*
SON	101	N	100	4:25–6:05	North of East Washington Avenue*
SON	101	N	120	3:50–6:10	At Old Redwood Highway*
SON	101	N	2,280	2:05–6:50	Gravenstein Highway to Wilfred Avenue and Baker Avenue to College Avenue
SON	101	S	1,360	2:45–6:10	South of Fulton Road to 5th Street

* Segment monitored in 2003

County abbreviations: ALA=Alameda; CC=Contra Costa; MRN=Marin; SCL=Santa Clara; SF=San Francisco; SM=San Mateo; SOL=Solano; SON=Sonoma